

207 DUST PALLIATIVE

207-1 Description

Water required for dust control to protect public safety, or air quality, or for any other purpose directed by the Engineer is included in this item. Water used for compacting materials, or to control dust at commercial material sources, or used for the sole convenience of the contractor, or used for any purpose not specifically authorized by the Engineer is not included in this item. Application of all water authorized for dust control is included in this item. Furnishing water for dust control is only included in this item when the "Furnish Water Supply" item is omitted from the bid schedule.

When the Special Provisions specify pre-wetting, then applying water used in wetting cuts and pits is included in this item. Pre-wetting shall be applied in accordance with section 203 of the Standard Specifications and Special Provisions.

When the Special Provisions state that the Contractor may use water from the watershed area of the Salt River Valley Water Users' Association, then a construction water exchange permit must be completed. Permit arrangements are the responsibility of the Contractor and shall be made through the office of the Assistant State Engineer–Construction. The Contractor is required to furnish the Resident Engineer with a copy of the permit.

207-3 Construction Requirements

Special attention shall be given to eliminating dust on haul roads, plant sites, and pit areas. Maintaining clean air and a dust-free environment is an essential element to maintaining our air quality. The Contractor shall obtain any necessary air pollution permits prior to starting grading operations.

Often the results obtained from applying dust palliative may be improved by the use of certain additives in the water. Any use of additives must be approved by the Resident Engineer and paid for as per the Standard Specifications Subsection 104.06.

207-4 Method of Measurement

The application of dust palliative water must be documented and paid for under the bid item of "Dust Palliative". Measurement can be made by predetermined capacity of water trucks, or by certified sealed water meters, or by other means approved by the Engineer. If predetermined capacity method is used, then it will be necessary to calculate and document the capacity of each water truck being used to haul dust palliative water to the project. The original copy of the Water Truck Certification form will be sent to Field Reports Section after it is filled out. Field Reports Section will maintain a current file on Water Truck Certifications for information. The certification will be effective for three years from the date of original certification unless the tank or capacity of the tank has been modified.

207-5 Basis of Payment

The Project Supervisor and the Contractor must agree beforehand to the amount of dust palliative to be used. The agreement will be in a written form signed by both parties. Use a copy of the preferred "Dust Palliative Agreement" form.

The amount of dust palliative can be discussed and an agreement reached at the weekly meetings; however, the agreement form must be filled out and signed by ADOT and the Contractor. Whenever the need for dust palliative changes, a new agreement must be prepared.

The amount of dust palliative actually being placed should be checked from time to time in the field and documented to show truck numbers, locations, and times of application.

To document the designated amount of water used, the ADOT form "Daily Dust Palliative" must be completed by the Inspector each day dust palliative is used.